

US EPA ARCHIVE DOCUMENT

125601

SHAUGHNESSY NO.

REVIEW NO.

EEB BRANCH REVIEW

DATE: IN 6/11/85 OUT 6/27/85

FILE OR REG. NO. 538-ENN, 538-ENR, 538-ROO

PETITION OR EXP. PERMIT NO.

DATE OF SUBMISSION 2/14/85

DATE RECEIVED BY HED 6/7/85

RD REQUESTED COMPLETION DATE 7/8/85

EEB ESTIMATED COMPLETION DATE 7/8/85

RD ACTION CODE/TYPE OF REVIEW 160/Old Chemical

TYPE PRODUCT(S): I, D, H, F, N, R, S Plant Growth Regulator

DATA ACCESSION NO(S).

PRODUCT MANAGER NO. R. Taylor (25)

PRODUCT NAME(S) Scott's Turf Manager (538-ENN); Scott's

For St. Augustine grass (538-ROO); Scott's Turf

Manager II (538-ENR)

COMPANY NAME O.M. Scott & Sons

SUBMISSION PURPOSE Proposed conditional registration of

lawn uses

SHAUGHNESSY NO.	CHEMICAL & FORMULATION	% A.I.
125601	Paclobutrazol	0.066%
"	"	0.20%
"	"	1.38%



100.4 Target Organism

St. Augustine grass

100.5 Precautionary Labeling

Environmental Hazards: Do not apply directly to lakes, streams, or ponds. Do not apply to steep slopes or when weather conditions favor drift or runoff from target areas.

101 Hazard Assessment

101.1 Discussion

EEB has reviewed submission of paclobutrazol for registration on ornamental trees, greenhouse plants, and golf courses previously. The reviews indicate minimal hazard to wildlife and fish. This submission proposes the application method of watering in thoroughly after treatment and with a maximum rate of 0.56 lb/ai/acre.

101.2 Likelihood of Adverse Effects to the Nontarget Organisms

The bird, fish, and aquatic invertebrates data indicate paclobatrazol is "practically nontoxic." The exposure to nontargets, other than those feeding directly on the lawn turf, is expected to be minimal. This is due to the low application rate and the method of watering in after each treatment. Because of the minimum exposure potential posed under this incremental risk assessment, and due to the relatively low toxicity of paclobutrazol to fish, birds, and aquatic invertebrates, EEB does not expect unreasonable adverse effects to nontarget organisms.

101.3 Endangered Species Consideration

Minimal hazard is expected for endangered species at this time.

101.4 Adequacy of Data

The six basic studies are valid. No further studies are necessary for this use.

101.5 Adequacy of Labeling

The submitted labeling should add the following: "Do not apply to wetlands."

102

Classification

This is an amendment to an existing no-restrictive-use label.

103

Conclusion

EEB has completed an incremental risk assessment (3(C)(7) Finding) of the proposed conditional registration of Scotts Turf Manager, Scotts Turf Manager II, and Scotts Turf Manager for St. Augustine grass for use on lawns. Based upon the available data, EEB concludes that the proposed uses provide for no significant increase in hazards to nontarget organisms.

Ken Clark  
Agronomist  
EEB/HED



Date: 7.3.85

Dave Coppage  
Section Head, 3  
EEB/HED



Date: 7.3.85

Michael Slimak  
Chief  
EEB/HED



Date: 7-5-85

Mefluidide Scientific Reviews

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- Identity of product inert ingredients
  - Identity of product impurities
  - Description of the product manufacturing process
  - Description of product quality control procedures
  - Identity of the source of product ingredients
  - Sales or other commercial/financial information
  - A draft product label
  - The product confidential statement of formula
  - Information about a pending registration action
  - FIFRA registration data
  - The document is a duplicate of page(s)
  - The document is not responsive to the request
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The information not included is generally considered confidential by product registrants. If you have any questions, please contact the individual who prepared the response to your request.

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